

MBNMS Permit Report

January 30, 2009



MULTI-2008-004

Effective Date: 01/08/2009 Expiration Date: 07/31/2013

Project Title: Annual Aerial Surveys for Seabirds and Waterfowl

Applicant Name: Ms. Cheryl Strong

Affiliation: San Francisco Bay National Wildlife Refuge Complex

Project Summary:

The objective of the waterfowl portion of the study is to determine the distribution and abundance of waterfowl by species in portions of the Gulf of the Farallones National Marine Sanctuary. The survey is conducted annually in early January using a single engine aircraft and two observers. The aircraft is flown at an altitude of 200 feet, to allow accurate species identification and counting over large areas that are geographically widespread. The survey is part of the nationwide Annual Mid-winter Waterfowl Survey sponsored by the U.S. Fish and Wildlife Service (Service). Data are important in determining waterfowl use and long-term trends in the Pacific Flyway by species and area. The data set spans decades. Survey results are used in preparing state, regional, national and international reports and are used to make long-term, broad-scale management decisions such as habitat restoration, land acquisition, and setting hunting regulations.

Location Description - Proposed:

Waterfowl surveys in the Gulf of the Farallones within Bodega Bay, Tomales Bay, and Bolinas Lagoon. Seabird colony surveys within the Gulf of the Farallones National Marine Sanctuary. Seabird colony surveys within the Monterey Bay National Marine Sanctuary. In both sanctuaries, any new colonies of murrelets or cormorants not listed above also will be surveyed.

Latest Event:

01/07/2009 Permit signed copy received

MBNMS-2009-005

Effective Date: N/A Expiration Date: N/A

Project Title: Wave Powered Test Buoy

Applicant Name: Mr. Richard A. Cramer

Affiliation: SRI International

Project Summary:

SRI conducted a test offshore Santa Cruz on December 8th. The MBNMS was notified after-the-fact. SRI International conducted a demonstration of a prototype buoy within the MBNMS.

On Dec 7 and 8, 2008 they towed the buoy from the Santa Cruz harbor to 36 deg 56.8'N Lat and 122 deg 00.7'W Long. The testing was conducted within a radius of about 0.25nm of this location. The buoy was tested during daylight hours on both those days and was towed back into the harbor for the evening. The buoy was towed behind a research vessel. At no time during the towing or other operations did SRI attempt to collect any material nor did they deposit any material into the sea. During testing, the research vessel remained tethered to the buoy at all times. The tether was the only restraint for the buoy. No portion of the buoy or any mooring contacted the sea floor. the research vessel was anchored at all times during the testing.

Location Description - Proposed:

Latest Event:

01/06/2009 Permit not required

MBNMS-2009-004

Effective Date: 06/29/2009 Expiration Date: 07/31/2009

Project Title: Delivery and Burial of POC on Ocean Margins Dominated by Small, Mountainous Rivers: the Role of Effective Discharge.

Applicant Name: Dr. Miguel Goni

Affiliation: Oregon State University

Project Summary:

Sediment cores (box, multi, gravity, piston) will be collected in water depths ranging from 30-180 meters within the Monterey Bay area (north and south of Monterey Canyon, and near Soquel Canyon).

Location Description - Proposed:

North and south of Monterey Canyon, and near Soquel Canyon and within Monterey Bay

Latest Event:

01/22/2009 Additional information requested

MBNMS-2009-003

Effective Date: 02/05/2009 Expiration Date: 02/05/2014

Project Title: Storm Water Management Plans for Santa Cruz County

Applicant Name: Mr. Roger Briggs

Affiliation: Regional Water Quality Control Board - RWQCB

Project Summary:

For the last ten years the County and Cities have been implementing many of the Storm Water Management Plan's (SWMP) Control Programs prior to having an approved NPDES permit issued by the Central Coast Regional Water Quality Control Board. Examples include; the Industrial Waste Discharge program, illicit discharge detection, Municipal Operations programs and adoption/enforcement of multiple storm water ordinances. The Storm Water Management Plans reflect many of the ongoing efforts to reduce non-point source pollution in urban runoff as well as new requirements to fulfill the Phase II NPDES General Permit for Discharges of Storm Water from Small Municipal Separate Storm Sewer Systems.

Location Description - Proposed:

Storm water to be discharged offshore of the county of Santa Cruz.

Latest Event:

02/05/2009 Approval granted by other agency

MBNMS-2009-002

Effective Date: TBD Expiration Date: TBD

Project Title: Collaboration between the Navy Postgraduate School & the Office of Naval Research to study cross-shore exchange between the surf zone and inner shelf.

Applicant Name: Dr. Jamie MacMahan

Affiliation: Naval Postgraduate School

Project Summary:

Long term (~10 years) measurements of waves and currents measured by wave ADCPs, breaking wave patterns to infer bathymetry (from time-lapse video), in situ bathymetry measured with a GPS equipped jet-ski, and beach topography measured with a GPS equipped ATV. Video cameras are located on a 4 m tower in Monterey, a 10 m tower at Sand City, a 5m tower at Fort Ord and a 3 m tower at Marina. Waves will be measured by an ADCP off Monterey in 11 m depth (Figure 1) and off Sand City in 12 m depth, and off Marina located in 17 m depth.

Location Description - Proposed:

Latest Event:

01/21/2009 Additional information requested

MBNMS-2009-001

Effective Date: 01/01/2009 Expiration Date: 12/31/2013

Project Title: Superintendent's Permit

Applicant Name: Mr. Paul Michel

Affiliation: NOAA Monterey Bay National Marine Sanctuary

Project Summary:

The following activities are authorized by this permit:

Alteration of the seabed in the following manner; Installation, maintenance, and recovery of temporary scientific and education-related equipment and structures, such as quadrats; Installation, maintenance, and recovery of mooring and boundary buoys; Small scale coring of the seabed to collect benthic samples; Small scale collection of sediments or non-commercial rocks, minerals, vegetation, or invertebrates; Small scale trawls to evaluate and monitor the status of living resources; Removal of ordnance, containers, conveyances, equipment, debris, or any other items that pose a threat to sanctuary resources or qualities, that alter natural habitat within the sanctuary, or that could otherwise cause a user conflict.

As well as other activities, which will allow the superintendent and staff to better manage the MBNMS.

Location Description - Proposed:

Throughout the Monterey Bay National Marine Sanctuary.

Latest Event:

12/22/2008 Permit issued

MBNMS-2008-028

Effective Date: TBD Expiration Date: TBD

Project Title: Caltrans disposal response to Basin Fire, Big Sur

Applicant Name: Mr. Steve Price

Affiliation: Caltrans

Project Summary:

This project is part of the Basin Complex Fire Emergency Response Projects. In response to the Basin Complex Fire (during July & August 2008) in Big Sur, Monterey County, emergency projects are proposed at numerous locations along Highway 1 to protect the highway facility and traveling public from threats associated with debris flow and rock fall from areas denuded by the fire. Projects consist of installing temporary (until the watershed is recovered, approximately 5 years) debris flow barriers upstream from identified culvert inlets and construction of permanent rock fall drapery and temporary barriers at the toe of identified rocky cut slopes. Caltrans is interested in placing the debris (generated from the combined influence of fire and wet weather) seaward of highway 1 in several locations along the Big Sur coast.

Location Description - Proposed:

Latest Event:

11/06/2008 Additional information requested

MBNMS-2008-027

Effective Date: TBD Expiration Date: TBD

Project Title: Pacific Grove Bathhouse Remodel, addition, and ADA improvements to Lovers Point Park

Applicant Name: Ms. Sarah Hardgrave

Affiliation: City of Pacific Grove

Project Summary:

The proposed project includes a remodel and addition to the Old Bathhouse restaurant building and construction of ADA improvements to the building and adjoining path and walkways. The project includes renovation of the existing building to allow expansion. The existing public restrooms will be removed and relocated. The project also includes replacement of fencing, modifications to the volleyball court, and interpretive signage.

Location Description - Proposed:

The project site encompasses a portion of Lovers Point Park located in the City of Pacific Grove, adjacent to the south shore of the Monterey Bay

Latest Event:

10/20/2008 Additional information received

MBNMS-2008-026

Effective Date: 05/09/2009 Expiration Date: 05/09/2014

Project Title: RWQCB ORDER NO. R3-2009-0002 and NPDES NO. CA0007005 Waste Discharge Requirements For The Moss Landing Commercial Park and Moss Landing Cement Company

Applicant Name: Mr. Roger Briggs

Affiliation: Moss Landing Commercial Park, LLC

Project Summary:

This intent of this project is to develop a concrete product that will significantly reduce the carbon footprint associated with the manufacturing of cement. Seawater is pumped from Moss Landing Harbor by up to nine 100-horsepower pumps through two intake lines to the facility. Seawater, which contains calcium chloride and magnesium chloride (CaCl_2 and MgCl_2), is combined with dolime, lime, brucite (magnesium hydroxide tailings from historical operations of the National Refractories and Minerals Corporation), sodium hydroxide, sodium carbonate, fly ash, and/or calcium and magnesium-bearing silicate materials such as olivine and serpentine. The Discharger's precipitation process also utilizes carbon dioxide (CO_2), sparged from flue gases of the neighboring Moss Landing Power Plant. Following precipitating reactions, the seawater mixture will be directed to as many as seven 3-million gallon (capacity) tanks where settling of precipitated solids will occur.

Location Description - Proposed:

Wastewater is discharged from Discharge Point to the Monterey Bay near Moss Landing Harbor

Latest Event:

01/26/2009 Authorization issued

MBNMS-2008-023

Effective Date :02/01/2009 Expiration Date: 05/31/2009

Project Title: Collaborative Research: The Internal Tide and Mixing in Monterey and Ascension Canyons

Applicant Name: Dr. Michael Gregg

Affiliation: Applied Physics Laboratory, University of Washington

Project Summary:

This project has evolved over the past few months due to the acoustic elements associated with the moorings that are thought to potentially have a negative impact on marine mammals. Based on recommendations from NMFS the applicant has revised their project description and removed from consideration equipment that made use of low-frequency (75 kHz) Acoustic Doppler Current Profilers (ADCP) on four oceanographic research moorings. The remaining four moorings will use 300 kHz ADCPs, which are well above the hearing frequency range of marine mammals.

Location Description - Proposed:

Monterey and Ascension Canyons

Latest Event:

01/06/2009 Additional information requested

MBNMS-2006-008

Effective Date: N/A Expiration Date: N/A

Project Title: Sink a Wreck Project

Applicant Name: Dr. Harry Wong

Affiliation: Chiropractor

Project Summary:

The proponents of this project are evaluating 5-10 sites for the sinking of a decommissioned US Navy ship (approximately 300+ feet in length) within the MBNMS. Their ideal location would allow for a 5-10 minute boat ride, and would be within recreational diving depth.

Additional information required....

Location Description - Proposed:

tbd

Latest Event:

02/23/2006 Additional information requested

MBNMS-2006-005

Effective Date: TBD Expiration Date: TBD

Project Title: Duke Energy Moss Landing Power Plant NPDES Permit

Additional information needed

Applicant Name: RWQCB

Affiliation: Regional Water Quality Control Board

Project Summary:

Ocean discharge from the power plant. The Moss Landing Power Plant NPDES permit has been on Administrative Extension since October 2005. Water Board staff plans to propose a renewed NPDES for the facility in 2007, after the federal court issues its decision regarding litigation over Clean Water Act Section 316(b) regulations.

Also the existing permit for the MLPP is still in litigation due to a lawsuit by Voices of the Wetlands. A renewed MLPP permit will not be enacted until the courts resolve these issues.

Location Description - Proposed:

Moss Landing Power Plant
Ocean Outfall

Latest Event:

09/15/2006 Additional information requested

MBNMS-2001-031-A10

Effective Date: 09/30/2008 Expiration Date: 06/30/2009

Project Title: Pioneer Seamount Cable Project (reuse of the ATOC cable)

Applicant Name: Dr. Richard Spinrad

Affiliation: NOAA-Office of Ocean and Atmospheric Research

Project Summary:

The PI seeks a permit to take over responsibility for the cable installed by the Scripps Institute of Oceanography for the ATOC project (see file no. MBNMS-12-95) for use in a passive acoustic monitoring project.

Location Description - Proposed:

The ATOC cable currently runs from Pillar Point to Pioneer Seamount through MBNMS

Latest Event:

09/30/2008 Amendment issued